



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov

## \*BIBDATASHEET\*

CONFIRMATION NO. 7249

Bib Data Sheet

SERIAL NUMBER 10/091,351	FILING DATE 03/06/2002  RULE	CLASS 250	GROUP ART UNIT 2881	ATTORNEY DOCKET NO. 006126
-----------------------------	---------------------------------------	--------------	------------------------	----------------------------------

APPLICANTS

Marvin Farley, Ipswich, MA;  
 Takao Sakase, Rowley, MA;  
 Shu Satoh, Byfield, MA; Geoffrey Ryding, Manchester, MA;  
 Peter Rose, Rockport, MA;

\*\* CONTINUING DATA \*\*\*\*\*  
*none a12*

\*\* FOREIGN APPLICATIONS \*\*\*\*\*  
*none a12*

IF REQUIRED, FOREIGN FILING LICENSE GRANTED  
 \*\* 04/04/2002

Foreign Priority claimed 35 USC 119 (a-d) conditions met Verified and Acknowledged	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> Met after allowance <i>a12</i> Examiner's Signature Initials	STATE OR COUNTRY MA	SHEETS DRAWING 2	TOTAL CLAIMS 18	INDEPENDENT CLAIMS 7
--	--	---------------------------	------------------------	-----------------------	----------------------------

ADDRESS  
 32588  
 APPLIED MATERIALS, INC.  
 2881 SCOTT BLVD. M/S 2061  
 SANTA CLARA, CA  
 95050

TITLE  
 INDIRECTLY HEATED BUTTON CATHODE FOR AN ION SOURCE

FILING FEE	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:	<input type="checkbox"/> All Fees
		<input type="checkbox"/> 1.16 Fees ( Filing )
		<input type="checkbox"/> 1.17 Fees ( Processing Ext. of time )

RECEIVED  
1846

☐ 1.18 Fees ( Issue )

☐ Other

☐ Credit